



**STATE OF TENNESSEE
DEPARTMENT OF TRANSPORTATION**

BUREAU OF ENGINEERING
SUITE 700, JAMES K. POLK BUILDING
505 DEADERICK STREET
NASHVILLE, TENNESSEE 37243-1402
(615) 741-0791

JOHN C. SCHROER
COMMISSIONER

BILL HASLAM
GOVERNOR

TO: Will Reid
Assistant Chief Engineer of Operations
FROM: ^{MA}Brad Freeze, Director of Traffic Operations

**SUBJECT: Proprietary Item Requests and Justification
City of Dayton
Traffic Signal Controllers**

The City of Dayton is requesting that Siemens Eagle EPAC controllers be used in all signalization projects within their jurisdiction over the next three years where Federal and/or State funding are used. The following are justification items for this request:

The City of Dayton currently operates and maintains Siemens Eagle EPAC controllers at eleven of its 18 signalized intersections located within their jurisdiction. The City of Dayton staff has been extensively trained to install, maintain, program, and troubleshoot Siemens Eagle EPAC controllers. This knowledge allows the technicians to quickly diagnose problems with field units which reduces the time required to maintain the system overall and helps keep the system operational during heavy traffic times to ensure maximum capacity of the synchronized system. By utilizing these devices as the standard for the City of Dayton, there will be a cost savings in stocking replacement equipment which will result in faster and less costly repair, as well as continuing compatibility with the traffic signal system.

I, Brad Freeze, Director of the Traffic Operations Division of the Tennessee Department of Transportation, do hereby certify that in accordance with the requirements of 23 CFR 635.411(a) (2) that the patented or proprietary items listed above are essential for the synchronization of existing facilities.

Assistant Chief Engineer of Operations

9/27/10
Date



City of Dayton

P.O. BOX 226, DAYTON, TENNESSEE 37321
423-775-1817 FAX 423-775-8404



September 13, 2018

Mr. Steve Bryan, P. E.
Traffic Operations Division, Traffic Engineer
Tennessee Department of Transportation
James K. Polk Bldg., 12th Floor
505 Deaderick Street
Nashville, TN 37243-0348

RE: Request for Proprietary Traffic Signal
Products (Traffic Signal Controllers)

Dear Mr. Bryan:

The City of Dayton, Rhea County, Tennessee would like to request the use of Eagle EPAC Controllers from Siemens on all Traffic Signal projects within the City of Dayton. We currently have eighteen (18) traffic signals that the City of Dayton maintains, eleven (11) of which are Eagle EPAC Controllers.

The City of Dayton has made the decision to standardize our traffic signals to Siemens Eagle EPAC Controllers. As issues arise or we have equipment failure with our traffic lights then the controllers will be replaced with Eagle EPAC Controllers. All Traffic Control Technicians have been trained extensively on the maintenance and troubleshooting of this system and we have an inventory of spare parts/equipment on hand of the Siemens Eagle EPAC parts.

Thank you for considering this request to better serve the public with increased safety and efficiency through normal operations and maintenance activities.

If you should have any questions or need any additional information, please feel free to call at any time. My telephone number is 423-775-1817 ext. 223.

Sincerely,

Thomas W. Solomon
City Manager

Gary Louallen, Mayor
Billy C. Graham, Councilman
L. Michelle Horton, City Recorder

Steve Randolph, Vice-Mayor
Jim Lewis, Councilman
Susan E. Arnold, City Attorney

Bobby J. Doss, Councilman
Thomas W. Solomon, City Manager
Andrew Tucker, City Judge